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UTILITY UTILITY	Attorney Docket No.		96067					
_PATENT APPLICATION	First Inventor		RYKEN, Marvin					
TRANSMITTAL Only Toppow non provisional applications under 37 CFR 1.53 (b)	Title	TP	TM MICROSTRIP ANTENNA					
Express Mail lal			bel No. EF3474573923US					
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents ADDRESS TO: Mail Stop Patent Application Commissioner for Patents PO Box 1450 Alexandria VA 22313-1450								
1. ☐ Fee Transmittal Form (Submit an original, and a duplicate for the processing) 7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)						. PTO		
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)						22859 U.S. 10/81741		
3. Specification (Total pages 21)			Computer Readable Form (CRF)					
(preferred arrangement set forth below) -Descriptive title of the invention -Cross References to Related Applications	b. Specification Sequence Listing on: i. □ CD-ROM or CD-R (2 copies); or □ CD-ROM or CD-R (2 copies);							
-Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table,		ii. ☐ paperc. ☐ Statement verifying indentity of above copies						
or a computer program listing appendix -Background of the Invention		ACCOMPANYING APPLICATION PARTS						
-Brief Summary of the Invention -Brief Description of the Drawings (<i>if filed</i>) -Detailed Description		9. ⊠ Assignment Papers(cover sheet & document(s))						
-Claim(s) -Abstract of the Disclosure		10 🗌 37 (wer of Attorney					
4. ⊠ Drawing(s) (35 U.S.C. 113) (Total sheets 5)	1	ish Translation Document (if apmation Disclosure	•	pies Of IDS	*		
	<u> </u>	Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 24 Return Receipt Postcard (MPEP 503)						
a. 🛭 Newly executed (original or copy)								
 b. Copy from a prior application (37 CFR 1.6 (for continuation / divisional with Box 18 completed) 	63(d))	(Should be specifically itemized) 15. Certified Copy of Priority Document(s)						
i. Deletion of Inventor(s)		(if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122						
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b)	(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.							
6. Application Data Sheet See 37 CFR 1.76			17. 🗆 Other					
18. If a CONTINUING APPLICATION check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in a Application Data Sheet under 37 CFR 1.76:								
☐ Continuation ☐ Divisional ☑ Continuation-in-part (CIP) of prior application No.: 10/664,614 ☐ 🔛 🔀								
☐ Continuation ☐ Divisional ☑ Continuation-in-part (CIP) of prior application No.: 10/664,614 Prior application information: Examiner Group/Art Unit 3679 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an eath or declaration is supplied under								
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.								
19. CORRESPONDENCE ADDRESS								
☐ Customer Number 24129 or ☐ Correspondence Address Below								
Name								
Address	· · · · · · · · · · · · · · · · · · ·		T	ı	1			
City		State			93042-5049			
Country		Telephone		Fax	1			

31 Mar 2004 Signature Date This collection of information is required by 37 CFR 1.53(b). The information is required or obtain or rigidal a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U-S>C> 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No. (Attorney/Agent)

29,234

David S. Kalmbaugh

Name

◈

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		Complete if known							
FEE TRANSMITTAL	Application Number								
FOR FY 2004	Filing Date								
Effective 01/01/2003. Patent fees are subject to annual revision.				\ <u></u>	RYKEN, Marvin				
-				-	TREN, Marvin				
Applicant claims small entity status. See 37 CFR 1.27	Examiner Name								
TOTAL AMOUNT OF PAYMENT \$810.00	Art Unit								
TOTAL AMOUNT OF PAYMENT \$810.00	Attorney Docket No. 96067								
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)								
Check Credit card Money Other None	3. ADDITIONAL FEES Large Entity Small Entity								
X Deposit Account	Fee	Fee	Fee	Fee	Fee De	escription		Fee Paid	
Deposit Account 50-0931	1051	(\$) 130	2051	(\$) 65	Surcharge - la	ite filing fee or	oath		
Number Deposit NAWCWD - Pt Mugu/ China Lake	1052	50	2052	25		ite provisional f	iling fee or		
Account	1053	130	1053	130	cover sheet Non-English s	pecification			
Name The Director is authorized to: (check all that apply)	1812	2,520	1812	2,520	For filing a requ	uest for ex part	e reexamination		
X Charge fee (s) indicated below X Credit any overpayments	1804	920*	1804	920*	Requesting pu Examiner action	ublication of SIF	R prior to		
X Charge any additional fee (s) or any underpayment of fee(s)	1805	1,840*	1805	1,840°	Requesting pu	ublication of SIF	₹ after		
Charge fee (s) indicated below, except for the filing fee to the above - identified deposit account.	1251	110	2251	55		reply within first	t month		
FEE CALCULATION	1252	420	2252	210	Extension for	reply within sec	cond month		
1. BASIC FILING FEE	1253	950	2253	475	Extension for	reply within thin	d month		
Large Entity Small Entity	1254	1,480	2254	740	Extension for	reply within fou	rth month		
Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid	1255	2,010	2255	1,005	Extension for	reply within fifth	n month		
1001 770 2001 385 Utility filing fee \$770.00	1401	330	2401	165	Notice of App	eal			
1002 340 2002 175 Design filling fee	1402	330	2402	165	Filing a brief in	support of an	appeal		
1003 530 2003 265 Plant filing fee	1403	290	2403	145	Request for or	ral hearing			
1004 770 2004 385 Reissue filing fee	1451	1,510	1451	1,510	Petition to inst	titute a public u	se proceeding		
1005 160 2005 80 Provisional filling fee	1452	110	2452	55	Petition to revi	ive - unavoidab	ole		
SUBTOTAL (1) \$770.00	1453	1,330	2453	655	Petition to rev	ive - unintention	nal		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	655	Utility issue fe	e (or reissue)			
Extra Claims Fee from below	1502	480	2502	240	Design issue t				
Total Claims 20 -20** = 0 X 18 =	1503	640	2503	320	Plant issue fe	9			
Independent 3 -3 - = 0 X 86 =	1460	130	1460	130	Petitions to the	e Commissione	or		
Claims Multiple Dependent 0 =	1807	50	1807	50	Processing fe	e under 37 CFF	R 1.17 (q)		
Large Entity Small Entity	1806	180	1806	180	Submission of	Information Di	sclosure Stmt		
Fee Fee Fee Code (\$) Code (\$)	8021	40	8021	40		ch patent assign s number of pro		\$40.00	
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385		Filing a submission after finial rejection (37 CFR 1.129(a))			
1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	For each addi	For each additional invention to be			
1203 290 2203 145 Multiple dependent claim, if not paid	1801	770	2801	385		CFR 1.129 (b))			
1204 86 2204 43 ** Reissue independent claims over original patent					Request for C	Request for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent			1802	900	Request for ea of a design ap	xpedited exami plication	ination		
SUBTOTAL (2)			Other fee (specify)				_		
** or number previously paid, if greater, For Reissues, see above			Basic Fi	ling Fee Pa	aid	SUBTO	OTAL (3)	\$40.00	
SUBMITTED BY (Complete (if applicable))									
Name (Print/ Type) David S. Kalmbaugh Re				n No.	29,234	Telephon	e (805) 9	89-8266	
Signature Date 31 Mar 2004									

FORM 8-3 Express Mail Certificate

Navy Case No. 96067

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: MARVIN L. RYKEN, et al. Application No.: Group No.:

Filed:

Examiner:

For: TM Microstrip Antenna

Mail Stop: Patent Application

Commissioner For Patents

P.O. Box 1450

Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EF347573923US

Date of Deposit: March 31, 2004

I hereby state that the following

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1 ttuonou		
Paper(s) or Fee(s)	Transmittal Form	1 Pages
	Fee Transmittal (Orig & Copy)	2 Pages
	Application	21 Page
	Drawings	5 Sheets
	Recordation (Orig. & Copy)	2 Pages
	Assignment	1 Page
	Declaration	2 Pages
	Postcard	1 Card

Are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service Under 37 C.F.R. 1.10, on the date indicated above and is addressed to Mail Stop: Patent Application, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DAVID S. KALMBAUGH

Typed or printed name of person mailing paper or fee

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